

Amendments to the Claims

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims:

1. (Cancelled)
2. (Cancelled)
3. (Currently Amended) [[The]] An isolated DNA of ~~claim 2 which comprises~~ comprising a nucleotide sequence represented by SEQ ID NO: 2.
4. (Currently amended) An expression vector which comprises the DNA of claim [[2 or]] 3.
5. (Original) A transformant which is transformed with the expression vector of claim 4.
6. (Original) A process for producing GDP-4-keto-6-deoxy-D-mannose-3, 5-epimerase-4-reductase, which comprises culturing the transformant of claim 5 in a medium and collecting GDP-4-keto-6-deoxy-D-mannose-3, 5-epimerase-4-reductase from the obtained culture.
7. (Currently amended) A transformant which is transformed with: (a) the expression vector of claim 4; and (b) an expression vector comprising DNA encoding GDP-D-mannose-4, 6-dehydratase produced by strain W303/Yep-MURI (FERM BP-7107).
8. (Original) A process for converting GDP-D-mannose into GDP-L-fucose using the transformant of claim 7.

9. (Original) A process for producing GDP-L-fucose which comprises culturing the transformant of claim 7 together with GDP-D-mannose in a medium, and collecting GDP-L-fucose from the obtained culture.

10. (New) The transformant of claim 7, the transformant being strain W303/Yep-MURI-HA, pYO-AtFX-Myc (FERM BP-7108).